



PRODUCT-DETAILS

ACS355-03E-13A3-2

ACS355-03E-13A3-2 Pn 3,0kW, I2n 13,3A IP20.



General Information	
Global Commercial Alias:	ACS355-03E-13A3-2
Product ID:	3AUA0000058177
ABB Type Designation:	ACS355-03E-13A3-2
EAN:	6438177223528
Catalog Description:	ACS355-03E-13A3-2 Pn 3,0kW, I2n 13,3A IP20.
Long Description:	The ACS355 drives are designed to meet the requirements of an extensive range of machinery applications in food and beverage, material handling, lifting, textile, printing, rubber and plastics, and woodworking applications. The drive is user-friendly, yet it provides a wide range of built-in technology such as the safe torque off functionality and sequence programming, reducing the need for additional control electronics. The product offers options and diverse functionality to cater to the needs set for speed and torque control of AC induction and permanent magnet motors.
Display Name:	ACS355-03E-13A3-2

Additional Information			
Operating Point Frequency / Current	Absolute Loss	Relative Loss	Efficiency
0 / 25 %	56 W	1.1 %	83.2 %

0 / 50 %	68 W	1.3 %	88.9 %
0 / 100 %	97 W	1.8 %	91.2 %
50 / 25 %	60 W	1.1 %	90.7 %
50 / 50 %	75 W	1.4 %	93.7 %
50 / 100 %	113 W	2.1 %	94.9 %
90 / 50 %	87 W	1.6 %	95.9 %
90 / 100 %	139 W	2.6 %	96.4 %

ABB Type Designation:	ACS355-03E-13A3-2
Analog Inputs:	2
Analog Outputs:	1
Apparent Power Output:	5.3 kV·A
CN8:	85044084
Communication Protocol:	MODBUS LON DeviceNet PROFIBUS CAN EtherNet/IP PROFINET IO TCP/IP Other Bus Systems
Country of Origin:	China Finland Germany
Customs Tariff Number:	85044085
Declaration of Conformity - CE:	3AXD10000499279
Degree of Protection:	IP20
EAN:	6438177223528
Efficiency Level:	IE2
Enclosure Class:	IP20
Enclosure Type NEMA:	Open Type
Four Quadrant Operation:	No
Frame Size:	R2
Frequency (f):	50/60 Hz
Global Commercial Alias:	ACS355-03E-13A3-2
Gross Weight:	2.9 kg
HS Code:	850440 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Electrical transformers, static converters (for example, rectifiers) and inductors;Static converters
IDEA Granular Category Code (IGCC):	5104 >> Inverter drive AC
Includes:	Without control unit Without optical interface With PC connection
Input Voltage (U_{in}):	200 ... 240 V
Integrated Breaking Resistance:	No
Intended Field of Application:	Industrial

Invoice Description:	ACS355-03E-13A3-2 Pn 3,0kW, l2n 13,3A IP20.
Made To Order:	No
Maximum Order Quantity:	9999999 piece
Maximum Output Frequency:	599 Hz
Medium Description:	ACS355-03E-13A3-2 Pn 3,0kW, l2n 13,3A IP20.
Minimum Order Quantity:	1 piece
Module Function:	LV AC machinery drive module
Mounting Type:	Module for cabinet building
Multiple Battery Information:	No battery / cell included
Number of Batteries:	0
Number of Digital In/Outputs:	5/1
Number of Hardware Interfaces:	Industrial Ethernet 0 PROFINET 0 RS-232 1 RS-422 0 RS-485 1 Serial TTY 0 USB 0 Parallel 0 Other 1
Number of Output Phases:	3
Number of Phases:	3-phase
Order Multiple:	1 piece
Output Current, Normal Use (I_n):	13.3 A
Output Power, Light-Overload Use (P_{LD}):	3 kW
Output Power, Normal Use (P_n):	3 kW
Output Voltage Maximum:	240 V
Package Level 1 Depth / Length:	350 mm
Package Level 1 EAN:	6438177223528
Package Level 1 Gross Weight:	2.9 kg
Package Level 1 Height:	170 mm
Package Level 1 Units:	carton 1 piece
Package Level 1 Width:	220 mm
Power Consumption (@ P_{cons}):	139 W
Product Main Type:	ACS355
Product Name:	Frequency converter
Product Net Depth / Length:	217 mm
Product Net Height:	344 mm
Product Net Weight:	2.4 kg
Product Net Width:	166 mm
Product Series:	ACS355
Product Type:	ACS355__Frequency_Converter
Quote Only:	No
REACH Date:	20260316

REACH Declaration:	9AKK107992A7060
REACH Information:	True - contains substances > 0.1 mass percentage
Replaced Product ID (OLD):	68497132
RoHS Date:	20230303
RoHS Declaration:	3AXD10000499279
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP:	619cb020-631d-4c23-9007-dec8f30bc955 Finland
Selling Unit of Measure:	piece
Short Description:	ACS355-03E-13A3-2 Pn 3,0kW, I2n 13,3A IP20.
Standby Loss:	7 W
Stocked At (Warehouses):	Menden, Germany Finland New Berlin,Wisconsin, United States Finland Beijing, China Singapore, Singapore Tokyo, Japan Finland Bairro Santo Antonio, Brazil Bangalore, India
Symmetric Tolerance (%tol):	Relative Net Frequency 5 % Relative Net Voltage 10 %
Temperature Rating:	Maximum 40 °C
Type of Converter:	U Converter
UNSPSC:	39122001
WEEE B2C / B2B:	Business To Business
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

